

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2005/000248

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl.⁷: A61M 16/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI +keywords: CPAP, cardiac, oscillate and similar terms

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,029,665 A (BERTHON-JONES) 29 February 2000 Column 4 lines 29 to 31	1-6, 8, 12, 25-30, 32, 36-42, 44
Y	Chest, 1999 September, 116(3):660-666 "Cardiogenic oscillations on the airflow signal during continuous positive airway pressure as a marker of central apnea" Ayappa et al Whole document	1-6, 8, 12, 25-30, 32, 36-42, 44
Y	Anesth Analg, 1978 November-December, 57(6):647-652 "Automated measurement and frequency analysis of the Pneumocardiogram" Reitan et al Whole document	1-6, 8, 12, 25-30, 32, 36-42, 44

 Further documents are listed in the continuation of Box C See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
15 March 2005Date of mailing of the international search report
22 MAR 2005Name and mailing address of the ISA/AU
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	IEEE Trans Biomed Eng, 1981 June, 28(6):471-5 "The dynamic pneumocardiogram: an application of coherent signal processing to cardiovascular measurement" Johnson Whole document	
A	US 5,794,615 A (ESTES) 18 August 1998 Abstract	
A	WO 2002/026283 A2 (RESPIRONICS, INC) 4 April 2002 Abstract	
A	US 6,532,959 B1 (BERTHON-JONES) 18 March 2003 Abstract	
A, P	US 6,739,335 B1 (RAPPORT et al) 25 May 2004 Abstract	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2005/000248

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member			
US 6029665	AU	36787/99	AU	55382/98	AU	55383/98
	AU	77641/94	EP	0651971	EP	0920845
	EP	0927538	EP	0934723	EP	1488743
	US	5704345	US	6138675	US	6363933
	US	6675797	US	2004123866		
US 5794615	AU	30801/99	CA	2323455	EP	1061981
	US	5535738	US	6105575	US	6609517
	US	2003121519	WO	9945989	WO	2004047621
WO 0226283	AU	93060/01	BR	0114152	CA	2421774
	EP	1328305	US	6752151	US	2002088465
	US	2004221848				
US 6532959	AU	31211/99	AU	37099/01	AU	40236/99
	EP	1083953	US	2003154979	US	2004237963
	WO	9961088				
US 6739335						
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.						
END OF ANNEX						